

<b>TECHNICAL REPORT DATA</b> <i>(Please read Instructions on reverse before completing)</i>		
1. REPORT NO. <b>EPA-453/R-02-011b</b>	2.	3. RECIPIENT'S ACCESSION NO.
4. TITLE AND SUBTITLE <b>Total Risk Integrated Methodology.TRIM.FaTE Technical Support Document. Volume II: Description of Chemical Transport and Transformation Algorithms.</b>	5. REPORT DATE <b>September, 2002</b>	
	6. PERFORMING ORGANIZATION CODE	
7. AUTHOR(S)	8. PERFORMING ORGANIZATION REPORT NO.	
9. PERFORMING ORGANIZATION NAME AND ADDRESS  <b>U.S. Environmental Protection Agency Office of Air Quality Planning and Standards Emissions Standards &amp; Air Quality Strategies and Standards Divisions Research Triangle Park, NC 27711</b>	10. PROGRAM ELEMENT NO.	
	11. CONTRACT/GRANT NO.	
12. SPONSORING AGENCY NAME AND ADDRESS	13. TYPE OF REPORT AND PERIOD COVERED <b>Technical Report</b>	
	14. SPONSORING AGENCY CODE <b>EPA/200/04</b>	
15. SUPPLEMENTARY NOTES <b>Supplements EPA-453/R-02-011A; Supersedes EPA-452/D-98-001 and EPA-453/D-99-002B.</b>		
16. ABSTRACT <p>This report is part of a series of documentation for the Total Risk Integrated Methodology (TRIM). TRIM is a time series modeling system, with multimedia capabilities, designed for assessing human health and ecological risks from hazardous and criteria air pollutants. The detailed documentation of TRIM's logic, assumptions, equations, and input parameters is provided in comprehensive technical support documents for each of the three TRIM modules, as they are developed. This report documents the Environmental Fate, Transport, and Ecological Exposure module of TRIM (TRIM.FaTE) and is divided into two volumes. The first volume provides a description of terminology, model framework, and functionality of TRIM.FaTE, and the second volume presents a detailed description of the algorithms used in the module.</p>		
17. KEY WORDS AND DOCUMENT ANALYSIS		
a. DESCRIPTORS	b. IDENTIFIERS/OPEN ENDED TERMS	c. COSATI Field/Group
<b>Risk Assessment Multimedia Modeling Exposure Assessment Air Pollutants</b>	<b>Air Pollution</b>	
18. DISTRIBUTION STATEMENT  <b>Release Unlimited</b>	19. SECURITY CLASS ( <i>Report</i> ) <b>Unclassified</b>	21. NO. OF PAGES <b>298</b>
	20. SECURITY CLASS ( <i>Page</i> ) <b>Unclassified</b>	22. PRICE